# PLACE VALUE
## Digits

A digit's location in a number is called its **place value**. Every three-digit number has a hundreds place, a tens place, and a ones place.

hundreds   tens   ones

309

In 309, we say that 3 is the hundreds digit, 0 is the tens digit, and 9 is the ones digit.

**PRACTICE** | Answer each question below about place value.

**39.** Circle every two-digit number below.

255        55        25        522        555        52

**40.** Circle every number below that has a 2 in the hundreds place.

209        902        92        29        290        920

**41.** Circle every number below that has tens digit 7.

477        747        774        447        474        744

**42.** Circle every number below whose hundreds digit is larger than its ones digit.

978        798        879        897        789        987

We never write 0 as the leftmost digit of a number with more than one digit.

For example, we always write 7 tens and 3 ones as 73, never as "073."

**PRACTICE** | Answer each question below about place value.

**43.** Arrange the digits in 322 to write a new three-digit number that has a 3 in the tens place.

43. _____

**44.** Arrange the digits in 750 to write a new three-digit number that has ones digit 7.

44. _____

**45.** How many different two-digit numbers have 0 as a digit?

45. _____

**46.** ★ Write three *different* three-digit numbers that use the digits 7, 8, and 8.

46. _____, _____, _____

**47.** ★ Use the digits 5, 7, and 9 to write a number whose ones digit is larger than its tens digit, but smaller than its hundreds digit.

47. _____

In a **Number Search**, we circle 3-digit numbers in a row of digits. The 3-digit numbers cannot overlap each other.

**EXAMPLE** | In the row of digits below, circle two *different* 3-digit numbers that have 6 in the tens place.

2 6 6 2 6 6 2

Below is the only way to circle two different 3-digit numbers that have tens digit 6 and do not overlap.

(2 6 6) 2 (6 6 2)

**PRACTICE** | Solve each Number Search below by circling numbers that do not overlap.

**48.** Circle a 3-digit number with ones digit 2 and hundreds digit 4.

2 3 4 2 4 3 2

**49.** Circle two *different* 3-digit numbers that have a 5 in the tens place.

5 5 4 5 5 4 5 5

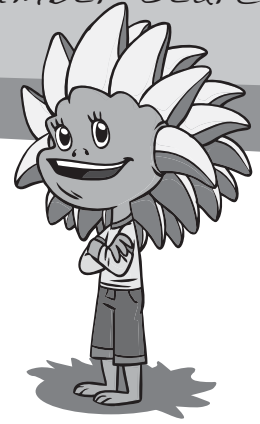**50.** Circle two *different* 3-digit numbers that have a 9 in the ones place.

9 9 9 8 9 9 9

**51.** Circle two *different* 3-digit numbers that have a 0 in the ones place.

0 0 1 1 0 0 1 1 0

PLACE VALUE

*Number Search*

> Remember, the numbers you circle in these problems can't overlap.

**PRACTICE** | Solve each Number Search below by circling numbers that do not overlap.

**52.** Circle three *different* 3-digit numbers that have a 0 in the ones place.

0  1  2  0  0  2  2  0  0  1  2  0

**53.** Circle three copies of the *same* 3-digit number.

1  2  3  1  4  2  1  3  1  4  1  2  3  1  4  2

**54.** Circle three 3-digit numbers that have their largest digit in the tens place.

8  7  6  5  7  6  5  4  6  5  4  3  5  4  3  2

**55.** ★ Circle four 3-digit numbers that all have the same tens digit.

4  3  2  1  1  2  3  4  3  1  2  4  4  2  1  3

**56.** ★ Circle four *different* 3-digit numbers.

7  3  3  7  3  3  7  7  3  3  7  3  3  7  3